

0203 Rec'd PCT/PTO 02 FEB 2005

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ATTORNEY'S DOCKET NUMBER: 26557U

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| U.S. DEPARTMENT OF COMMERCE, PATENT AND TRADEMARK OFFICE  |  | DATE:<br>2 February 2005   |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371  |  | U.S. APPLN. NUMBER: (if known):<br>Not Yet Assigned<br>10/523015 |
| INTERNATIONAL APPLICATION NUMBER: PCT/KR2003/001534   | INTERNATIONAL FILING DATE: 30 July 2003 (30.07.2003) | PRIORITY DATE CLAIMED: 09 August 2002 (09.08.2002) KR            |
| TITLE OF INVENTION: BENZOPYRAN DERIVATIVES SUBSTITUTED WITH SECONDARY AMINES INCLUDING IMIDAZOLE, THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM   |  |  |
| APPLICANT(S) FOR DO/EO/US: Kyu Yang YI; Sun Kyung LEE; Sung-Eun YOO; Jee Hee SUH; Nak Jeong KIM; Sun Kyung HWANG; Byung-Ho LEE; Ho Won SEO; Chong Ock LEE; Sang-Un CHOI;  |  |  |
| <p>Applicant hereby submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This express request to begin national examination procedures (35 USC 371(f)) The submission must include items(5), (6), (9) and (21) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)):             <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</li> </ol> </li> <li>6. <input type="checkbox"/> A English translation of the International Application as filed (35 U.S.C. 371(c)(2)).</li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input checked="" type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p><b>ITEMS 11 to 20 BELOW CONCERN OTHER DOCUMENT(S) OR INFORMATION INCLUDED:</b></p> <ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input type="checkbox"/> A <b>FIRST</b> preliminary amendment.</li> <li>14. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter2 and 35 USC 1821 - 1825</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 USC 154(d)(4)</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 USC 154(d)(4)</li> <li>20. <input checked="" type="checkbox"/> Other items or information:<br/>TRANSMITTAL LETTER; TRANSMITTAL LETTER TO U.S. DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING FILING UNDER 35 U.S.C. 371; INTERNATIONAL PUBLICATION NUMBER: WO 2004/014898 A1, INTERNATIONAL PUBLICATION DATE: 19 FEBRUARY 2004 (19.02.2004), WITH INTERNATIONAL SEARCH REPORT (PCT/ISA/210), WHICH CONSISTS OF 90 PAGES: 1 PAGE OF THE COVER SHEET CONTAINING THE ABSTRACT, 80 PAGES OF TEXTUAL SPECIFICATION WITH EMBEDDED FORMULAS, 9 PAGES OF 11 CLAIMS; PCT/IPEA/416 NOTIFICATION OF TRANSMITTAL OF INTERNATIONAL PRELIMINARY EXAMINATION REPORT; PCT/IPEA/409 INTERNATIONAL PRELIMINARY EXAMINATION REPORT WITH 9 SHEETS OF ANNEXES TO BE EXAMINED; EXECUTED INVENTOR'S DECLARATION AND POWER OF ATTORNEY; EXECUTED ASSIGNMENT WITH RECORDATION COVER SHEET; INFORMATION DISCLOSURE STATEMENT; PTO FORM 1449 WITH SIX (6) REFERENCES CITED; COPIES OF FOUR (4) REFERENCES CITED; POSTCARD FOR EARLY NOTIFICATION OF SERIAL NUMBER.</li> </ol> |  |  |

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| U.S. APPLICATION NUMBER:<br>(If known) Not Yet Assigned<br><div style="font-size: 2em; font-weight: bold; margin-top: 10px;">10/523015</div> | INTERNATIONAL APPLICATION<br>NUMBER:<br>PCT/KR2003/001534 | DATE:<br><div style="font-style: italic; margin-top: 10px;">2 February 2005</div> |
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| 17. <input checked="" type="checkbox"/> The following fees are submitted:<br><br><b>Basic National Fee (37 CFR 1.492(a)(1)-(5):</b><br>(to include Basic National Stage Fee, National Stage Search Fee, and National Stage Examination Fee)<br><br>International preliminary examination fee paid to USPTO (37 CFR 1.482).....\$750.00<br><br>No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)).....\$790.00<br><br>Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO.....\$1,110.00<br><br>International preliminary examination fee (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) IPEA-U.S.....\$ 100.00<br><br><div style="text-align: right;"><b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b></div> | <b>CALCULATIONS</b><br><br>\$ 1,000.00<br><br><br><br><br><br><br><br><br>\$ 1,000.00 | <b>PTO USE ONLY</b><br><br><br><br><br><br><br><br><br> |
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| Surcharge of \$130.00 for furnishing the oath or declaration later than ____ 20 ____ 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | \$ 0.00 |  |
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| CLAIMS  | NUMBER:<br>FILED | NUMBER:<br>EXTRA | RATE        |                           |    |
|---|------------------|------------------|-------------|---------------------------|----|
| TOTAL   | 8-20=            | 0                | X \$ 50.00  | \$ 0.00                   |    |
| INDEPENDENT   | 1- 3=            | 0                | X \$ 200.00 | \$ 0.00                   |    |
| Multiple dependent claims(s) (if applicable)  |                  |                  | + \$360.00  | \$ 0.00                   |    |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>  |                  |                  |             | <b>\$ 1,000.00</b>        |    |
| Reduction by 2 for asserting small entity, if applicable.<br>(Note 37 CFR 1.9, 1.27, 1.28).   |                  |                  |             | \$ - 500.00               |    |
| <b>SUBTOTAL =</b>   |                  |                  |             | <b>\$ 500.00</b>          |    |
| Processing fee of \$130.00 for furnishing the English translation later than ____ 20 ____ 30 months from the earliest claimed priority date (37 CFR 1.492(f)). +            |                  |                  |             | \$ 0.00                   |    |
| <b>TOTAL NATIONAL FEE =</b>   |                  |                  |             | <b>\$ 500.00</b>          |    |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31).<br>\$40.00 per property + |                  |                  |             | \$ 40.00                  |    |
| <b>TOTAL FEES</b>   |                  |                  |             | <b>\$ 540.00</b>          |    |
| <b>ENCLOSED =</b>   |                  |                  |             |                           |    |
|   |                  |                  |             | Amount to be:<br>refunded | \$ |
|   |                  |                  |             | charged                   | \$ |

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Attorney Docket: 26557U

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

YI, et al.

International Application Number: PCT/KR2003/001534

Serial Number: NOT YET ASSIGNED

International Filing Date: 30 July 2003 (30.07.2003)

Filed: February 2, 2005

**For: BENZOPYRAN DERIVATIVES SUBSTITUTED WITH SECONDARY AMINES INCLUDING IMIDAZOLE, THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM****TRANSMITTAL LETTER**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Submitted herewith for filing in the U.S. Patent and Trademark Office is the following:

- (1) Transmittal Letter;
- (2) Transmittal Letter to U.S. Designated/Elected Office (DO/EO/US) Concerning Filing under 35 U.S.C. 371;
- (3) International Publication Number: WO 2004/014898 A1 with International Search Report (PCT/ISA/210), International Publication Date: 19 February 2004 (19.02.2004), which consists of 90 pages:
  - 1 Page of the Cover Sheet with the English Abstract,
  - 80 Pages of Textual Specification with embedded formulas,
  - 9 Pages of 11 Claims;
- (4) PCT/IPEA/416 Notification of Transmittal of International Preliminary Examination Report;
- (5) **PCT/IPEA/409 International Preliminary Examination Report with 9 sheets of Annexes to be Examined;**
- (6) Executed Inventor's Declaration and Power of Attorney;
- (7) Executed Assignment and Recordation Cover Sheet;
- (8) Information Disclosure Statement;
- (9) PTO Form 1449 with Six (6) References cited;
- (10) Copies of Four (4) References cited;
- (11) Check Number: 22547 in the amount of \$ 540.00 for basic filing fee as a small entity, search fee, examination fee, and recordation of the Assignment fee;
- (12) Postcard for early notification of serial number.

Respectfully submitted,

**NATH & ASSOCIATES PLLC**By: 

Gary M. Nath

Registration Number 26,965

Joshua B. Goldberg

Registration Number 44,126

Customer Number 20529

Date: February 2, 2005

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Washington, D.C. 20005-1503

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